GOVERNMENT OF INDIA
POWER
LOK SABHA

STARRED QUESTION NO:264
ANSWERED ON:11.08.2006
MODERNIZATION OF POWER PROJECTS
Agarwal Shri Dhirendra;Thummar Shri Virjibhai

Will the Minister of POWER be pleased to state:

(a) whether a number of Power Projects have been identified for renovation/modernization during the 10th Five Year Plan;

(b) if so, the details of the thermal power projects with a total capacity where this work has been completed so far, State-wise;

(c) the expenditure incurred thereon, till date;

(d) the time by which the work on the remaining projects is likely to be completed;

(e) the estimated expenditure likely to be incurred thereon;

(f) the extent to which the power generation capacity of these projects is likely to be increased after completion of their renovation/modernization work;

(g) whether any financial/technical assistance has been sought by the Government from Japan and Germany for the purpose; and

(h) if so, the details thereof?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) to (h) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (h) OF STARRED QUESTION NO. 264 TO BE ANSWERED IN THE LOK SABHA ON 11.08.2006 REGARDING MODERNIZATION OF POWER PROJECTS.

(a) : Yes, Sir. At the beginning of the 10th Plan, the Government of India in consultation with the SEBs/Utilities had identified 106 old thermal units having capacity of 10,413 MW for Life Extension (LE) works during the 10th Plan, at an estimated cost of Rs.9200 crores.

In addition, 57 thermal units having capacity of 14,270 MW which were comparatively new units and performing well, were also identified for Renovation & Modernization (R&M) works at an estimated cost of Rs.977 crores to sustain their performance.

The Government of India had also identified 62 hydroelectric schemes having installed capacity of 9,977.5 MW for RM&U during 10th Plan at an estimated cost of Rs.2227.062 crores. After implementation of these schemes a benefit in the form of additional capacity of 1516.31 MW is expected to be achieved.

(b) & (c) : Life extension works on 9 thermal units with a total capacity of 815 MW have been completed. An amount of Rs.740.16 crores have been incurred. The State- wise details are given at Annexure-I.

(d) to (f) : Out of 106 thermal units, life extension works on 9 units have been completed. The works on 8 units are in execution and likely to be completed by the end of 10th Plan period. Orders for LE works on another 13 units have been placed. Revival/LE works on 14 units have not found to be economically viable. There are 32 units which were earlier included for LE works are now included in the `Partnership in Excellence (PIE)` programme. The LE works on these units is likely to be taken up after attaining the desired improvement through `PIE` programme, if found economically viable. On the balance 30 units, the orders are likely to be placed in near future for possible completion of works during 11th Plan. The works on all the units (except the 14 units not being found economically viable) is likely to be completed by 11th Plan. The estimated expenditure likely to be incurred on remaining units is

Rs.8015 Crores.

The Renovation & Modernization works on all the 57 thermal units are in progress and the works on these units would get completed during 10th Plan. An expenditure of Rs. 429 crores have already incurred on R&M of these units.

After completion of LE works, the life of the units will get extended by another 15 years and an additional capacity of 213 MW will be achieved through up- rating of some of the units. In case LE works are not carried out, these units would have to be retired in the near future.

In addition the R&M will result in sustaining the present performance level of 57 units.

(g) & (h) : Loan assistance has been sought from Germany for R&M of Satpura Thermal Power Project in Madhya Pradesh.